

THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE
PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:

1. A carpet capable of controlling odor associated with
5 deposits of organic material which can cause odors on the
carpet, the carpet comprising fibers tufted through a
primary backing, the fibers having associated therewith a
preparation of dormant bacteria, which when activated are
10 effective to control odors, such that when the carpet is
subsequently exposed to organic material which can cause
odors, the bacteria are capable of becoming active and
digesting the organic material.

2. A carpet as claimed in claim 1 wherein the bacteria
15 are one or more strains selected from the group of
bacterial genera Bacillus.

3. A carpet as claimed in claim 2 wherein the bacteria
are one or more strains selected from the group of
20 bacterial species consisting essentially of Bacillus
megaterium, Bacillus pasteurii, Bacillus laevolacticus
and Bacillus amyloliquefaciens.

4. A carpet as claimed in claim 3 wherein the dormant
25 bacteria are applied to the carpet at a concentration of
between about 10^6 and about 10^8 cells per square inch gram
of carpet fiber.

5. A carpet as claimed in claim 4 wherein the dormant
30 bacteria are applied to the carpet at a concentration of
about 10^7 cells per square inch gram of carpet fiber.

6. A carpet as claimed in claim 5 wherein the dormant
bacterial preparation comprises:

35	<u>% of total bacteria</u>	
	<u>Species</u>	<u>Range</u>
	<u>Bacillus megaterium</u>	5-60
	<u>Bacillus pasteurii</u>	10-40

<u>Bacillus laevolacticus</u>	10-40
<u>Bacillus amyloliquefaciens</u>	10-40

7. A carpet as claimed in claim 5 wherein the dormant
5 bacterial preparation comprises:

	<u>% of total bacteria</u>
<u>Species</u>	
<u>Bacillus megaterium</u>	40
<u>Bacillus pasteurii</u>	20
10 <u>Bacillus laevolacticus</u>	20
<u>Bacillus amyloliquefaciens</u>	20

8. A carpet as claimed in claim 5 wherein the carpet has
also been treated with one or more stain-blocking
15 chemicals.

9. A carpet as claimed in claim 8 wherein the one or more
stain-blocking chemicals are selected from the group
consisting of sulfonated phenol formaldehyde condensate
20 polymer, sulfonated naphthol formaldehyde condensate
polymer, and hydrolyzed vinyl aromatic maleic anhydride
polymer.

10. A carpet as claimed in claim 9 wherein the
25 preparation contains an amount of the stain blocker to
result in a treatment rate of the carpet of about 0.1 wt%
to about 20 wt% based upon the weight of the carpet
fiber.

30 11. A carpet as claimed in claim 10 wherein the treatment
rate is from about 0.25 wt% to about 20 wt%.

12. A carpet as claimed in claim 11 wherein the carpet
has also been treated with one or more anti-soil
35 fluorochemicals.